SBR=000076/22-23

No. 7th RA bill 15/3/2023

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

BR=000076/22-23
15/3/2023

Division: **Electrical (Dasarahalli)** **JOB NO :015-22-000002** Sub-Division: **Electricals**

Head of Account : P0300 M & R to street lights-Replacement of burnt bulbs etc

Bill Received No. Dated Book Voucher No..... Dated...

Schedule Docket Name of Work :- Annual Maintenance of street lights package D-5 in T Dasarahalli ward no 15

Bill Period:01.02.2023 to 28.02.2023(1 Months)

Name of Contractor and Full Address:- M/s. PRASHANTH ELECTRICALS)

Reference to Agreement No:- EE/Ele/DZ/TEND/AG/000013/21-22 Date:16.03.2022

Reference to Work order No:- EE/Ele/DZ/TEND/WO/000005/22--23 Date:04.04.2022

Certified that the measurements were taken by me on 3/3/2023 and recorded of Pages 689554 to 555 of Measurement Book No. 68-96/21-22 And that the work is satisfactorily executed.

PRASHANTH ELECTRICALS

Contractor

PROPRIETOR

Officer-in-charge of work

JUNIOR ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

Certified that the measurement were taken by me on 04/3/2023 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

ASST. EXECUTIVE ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

II Memorandum of Payment

1) Total value of work done or supplies made as per account within	cptobill	1913865=00
2) Deduct amount to be held in reserve being ..... percent Rs.	Previous	1794793=00
3) " Balance	Present	118872=00
4) Deduct Payment:	PWD	114195=00
a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount adjusted towards cash advance recovery of	IIT(I.I.)	1142=00
	CAST	1142=00
	SAST	1142=00
	LWC	1142=00
b) Payments Now made } cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	CBF	114=00
	Fine	2300=00
	Scrap	2877=00
5) Balance being unpaid value of work done held in reserve.	deduction	9359=00
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	Cheque	109513=00
7) Net amount due to or from Contractor un adjustments items.		
8) Advance to Contractor for materials brought to site (as detailed) within. Value of Government materials supplied.		
Total amount adjusted -		

PRASHANTH ELECTRICALS
Contractor's Signature

PROPRIETOR

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

Witness
1.
2.

PRASHANTH ELECTRICALS
Signature of Contractor
Stamp

Dated
Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....
Initials of Officer making payment

PROPRIETOR

Audited and admitted for Rs. 118872/-
(For use in the Office) 109513/-
(One lash nine-thousand Five hundred thirteen only
by adjustment Rs. 9359/-

Accounts Superintendent

Exe Engineer (Ele)

B.B.M.P. Dasa...

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Sl No	Description of Item	Unit	Previous Measurement		Present Measurement				Total Upto Date		Remarks
			Qty	Cost	Qty		Rate Rs P	Amount	Qty	Cost	
							1 Months		Upto Date paid so for X 11months		
	Name of work -Annual Maintanance of street lights package D-5 in T. Dasarahalli ward no 15										
1	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches, wires, Holders, Starters and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise, street wise data bank furnishing maintenance reports, every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below. 36/40 W fluorescent tube light street lighting system	Each	30X10Months	8568.00	0	685.45/12=57.12	57.12	0.00	30X11Months	8568.00	
2	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches, wires, Holders, Starters and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise, street wise data bank furnishing maintenance reports, every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below. 125W HPMV Park lighting system	Each	12X10Months	7562.40	12	756.29/12=63.02	63.02	756.24	12X11Months	8318.64	
3	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches, wires, Holders, Starters and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise, street wise data bank furnishing maintenance reports, every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below/Poles with 250W HPSV street lighting system	Each	851X10Months	722924.50	851	1019.41/12=84.95	84.95	72292.45	851X11Months	795216.95	
4	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches, wires, Holders, Starters and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise, street wise data bank furnishing maintenance reports, every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below 400 watts HPSV street light /High mast lighting system	Each	36X10Months	33541.20	36	1118.08/12=93.17	93.17	3354.12	36X11Months	36895.32	
5	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device, Switches, wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise, street wise street light data bank , furnishing maintenance reports every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 24 Watt to 40 Watt LED Park/ street lighting system	Each	473X10Months	346850.90	473	880.01/12=73.33	73.33	34685.09	473X11Months	381535.99	
6	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device, Switches, wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise, street wise street light data bank , furnishing maintenance reports every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 40 Watt to 65 W LED street Light lighting system	Each	49X10Months	46848.90	49	1147.43/12=95.61	95.61	4684.89	49X11Months	51533.79	
7	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device, Switches, wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise, street wise street light data bank , furnishing maintenance reports every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 90W LED street light lighting system	Each	27X10Months	30998.70	27	1377.66/12=114.81	114.81	3099.87	27X11Months	34098.57	
8	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device, Switches, wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise, street wise street light data bank , furnishing maintenance reports every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for110/120 watt LED street light lighting system	Each	0	0.00	0	0	0	0.00	0	0.00	
9	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device, Switches, wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of street lights at specified timing and Pole numbering. Preparing ward wise, street wise street light data bank , furnishing maintenance reports every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 150/180 watt LED street light /High mast lighting system	Each	0	0.00	0	0	0	0.00	0	0.00	

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Sl. No.										Remarks
	10	Supply and Installation / Fixing / Provision of Outdoor type Thermoplastic Modular Panel enclosure with transparent Polycarbonate Lid, shock proof, IP65 (Weather Proof), rust proof, dust proof, water proof, corrosion proof having internally Embedded gasket on both lid and flap suitable to fix Single Phase / Three Phase Energy Meter in suitable base plate and having a provision for Fuse / MCB cutout with suitable transparent hinged flap opening for operating MCB along with complete tamper proof SEALING facility 300mmx250mmx214mm	Each	51270	0	0	5127.00	0.00	10	51270.00	
	11	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947 100 to 125Amps	Each	158400	0	0	7200.00	0.00	22	158400.00	
	12	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy class-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898 50-63 Amps SP	Each	17352	0	0	723.00	0.00	24	17352.00	
	13	Supplying and fixing Microprocessor Based Astronomical timer Switch with using necessary bolts, nuts and washers	Each	96720	0	0	4030.00	0.00	24	96720.00	
1	14	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694 confirming to latest amendments 6 sqmm	Mtr	700	0	0	70.00	0.00	10	700.00	
	15	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes 6 sqmm	Each	700	0	0	7.00	0.00	100	700.00	
2	16	1.1 kV LT Aerial Bunched Cable, confirming to IS-14255: 1995 XLPE insulation Parameter shall be as below 1. Hot Set Test a) Elongation under Load: 50% (Max) b) Permanent Elongation After Cooling: 3% (Max) 2. Thermal Aging in oven. a) Tensile Strength: 16 N/mm^2 (Min) b) Elongation: 375% (Min) 3. Water Absorption Test a) Water absorbed: 0.5 mg/cm^2 (Max) 4. Carbon Black Content shall be ranging from 2% to 3% 3x25 + 1x25 + 1x16 Sqmm Street light (Insulated Messenger cum Neutral)	Km	205800	0	0	147000.00	0.00	1.4	205800.00	
3	17	Stringing of 1.1 kV grade Aerial Bunched 3 Core cable of XLPE insulation of size (3x95) (Phase Conductor) + (1x70) (Insulated Messenger Neutral) + (1x25) (Street Light Control)	Km	31457	0	0	22469.00	0.00	1.4	31456.60	
4	18	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1. Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975 4 core 16 sqmm	Mtrs	29250	0	0	150.00	0.00	195	29250.00	
	19	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required On wall /Structure 6 sqmm to 16 sqmm	Mtrs	5850	0	0	30.00	0.00	195	5850.00	
		Sub Total						118872.66		1913665.86	
		Add GST 12 % on item no 10 to 19		1794793.20				0.00		0.00	
		Total		71699.83				118872.66		1913665.86	
		Fine imposed for non burning of street lights For the period of 01.02.2023 to 28.02.2023 and GPS time violation. Penalty for the present bill		1866493.03				2300.00		19500.00	
		As per street light agreement clause 2 % will be deducted in monthly maintenance bill against the released scrap material		17200.00				2377.45		26323.35	
		GRAND TOTAL		23945.89				114195.21		1939542.35	
				1825347.14							

Certificate

1 The above said monthly maintenance work has been carriedout satisfactorily

JUNIOR ENGINEER (Ele)
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Dasarahalli Zone, Bangalore

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